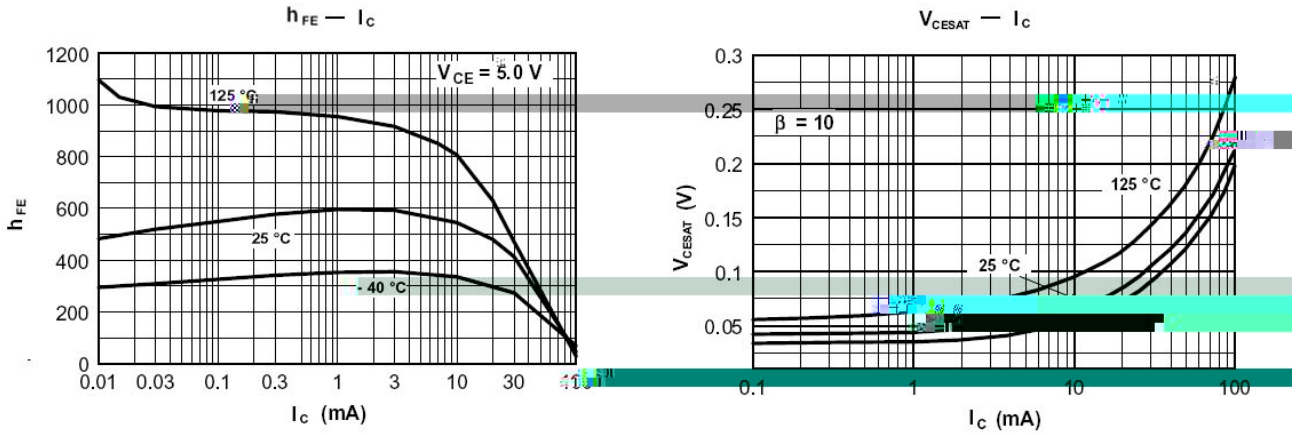
TO-92 NPN Silicon NPN transistor in a TO-92 Plastic Package.

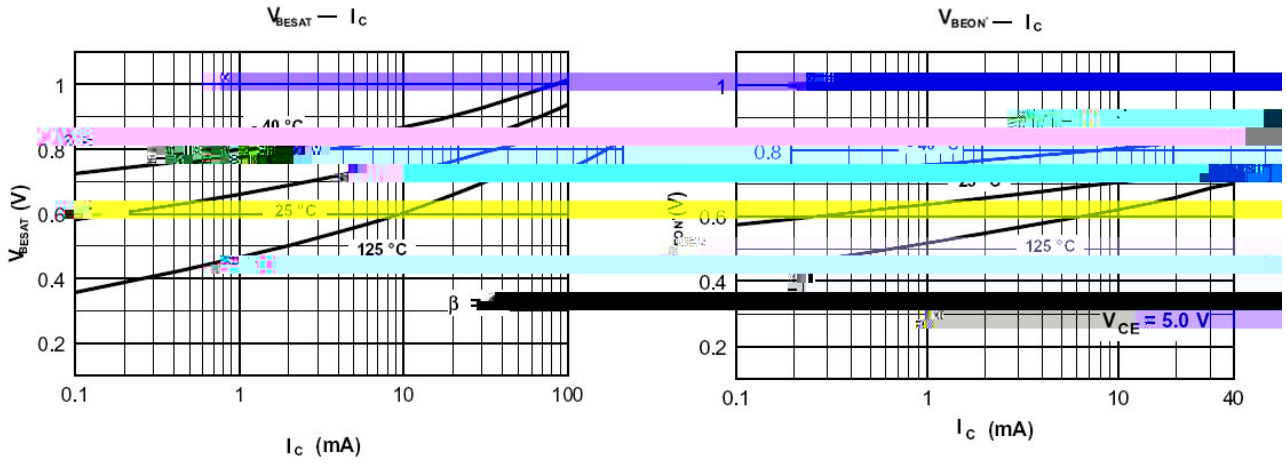
Low noise, high gain.

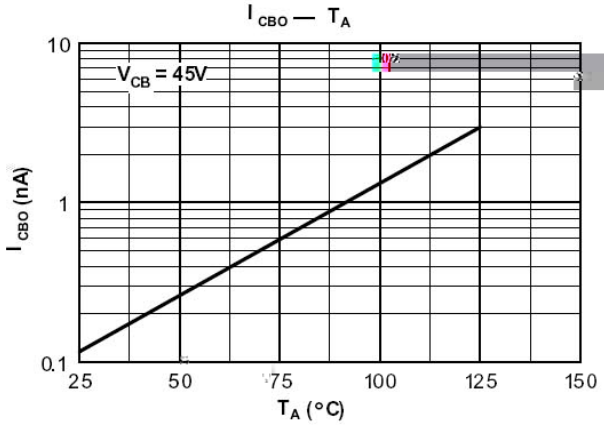
1uA 50uA

This device is designed for general purpose amplifier applications at collector currents from 1μA to 50μ

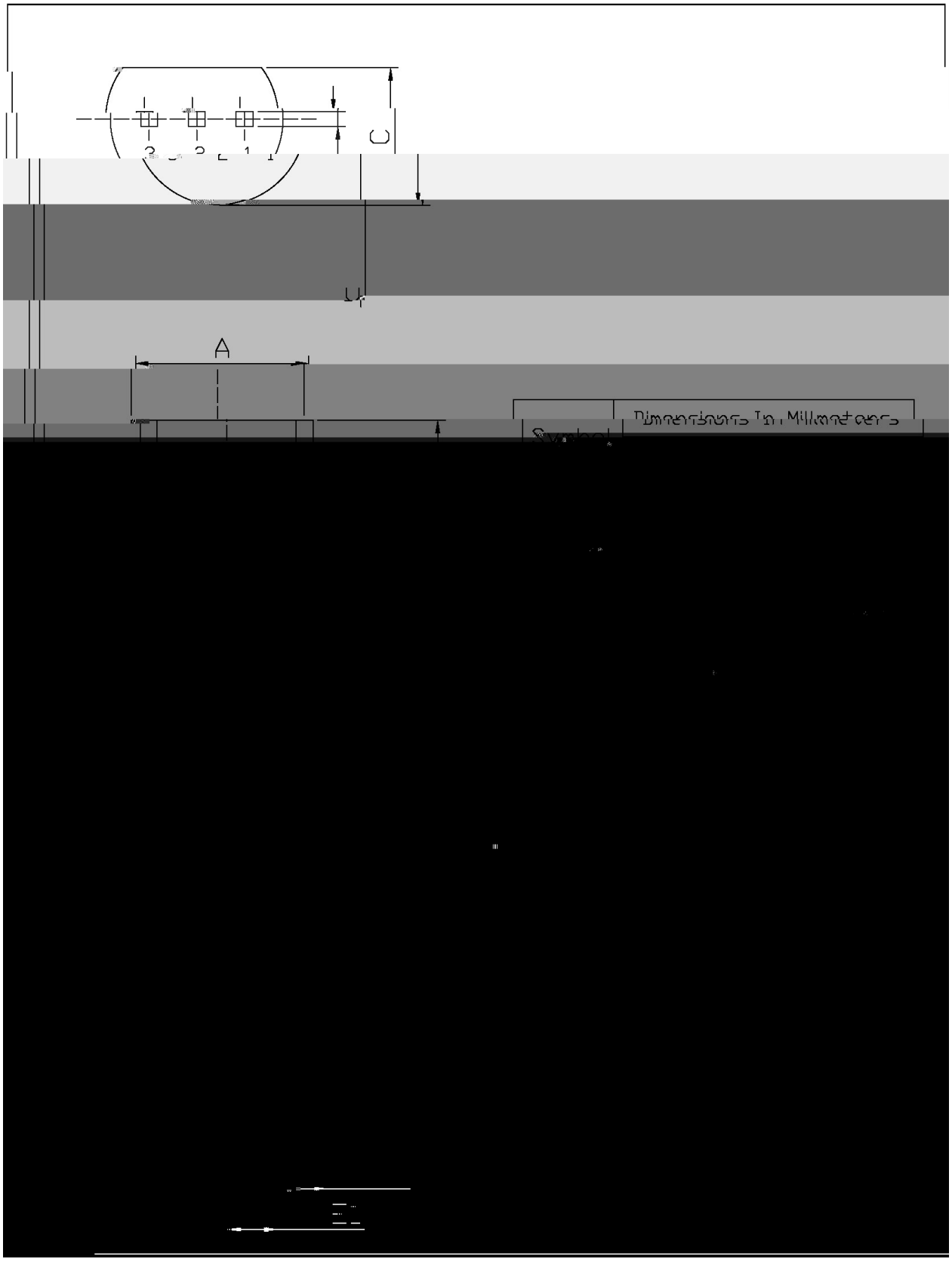
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	35	V
Collector to Emitter Voltage	V_{CEO}	30	V
Emitter to Base Voltage	V_{EBO}	4.5	V
Collector Current - Continuous	I_C	100	mA
Collector Power Dissipation	P		

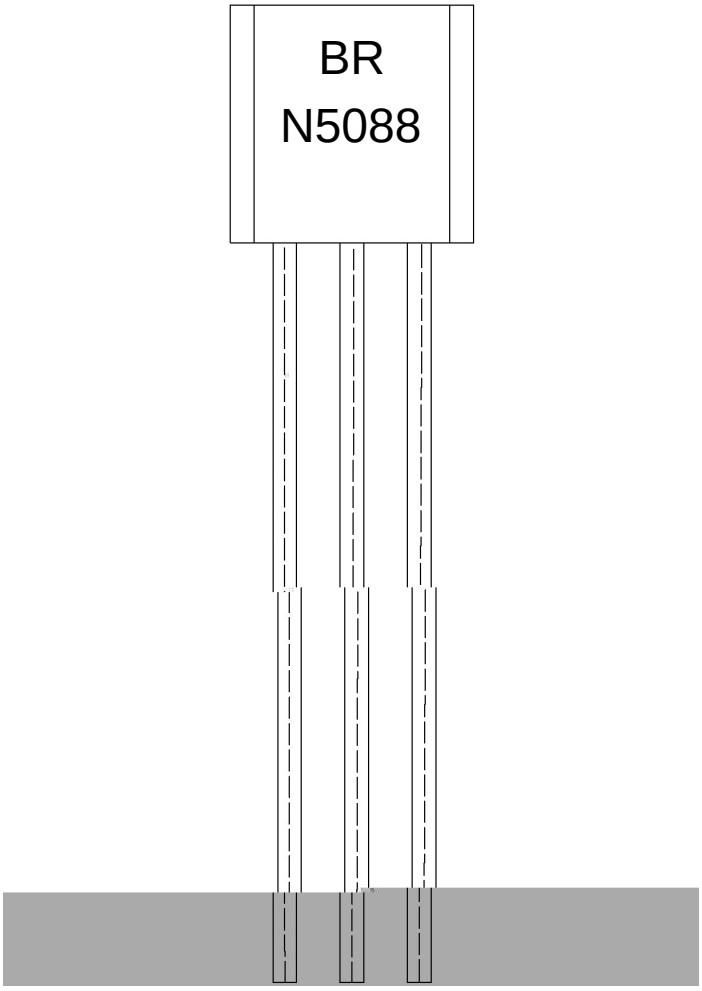

h_{FE} — I_C
V_{CE} = 5.0 V
125 °C
25 °C
- 40 °C
h_{FE}
I_C (mA)
V_{CESAT} — I_C
β = 10
125 °C
25 °C
V_{CESAT} (V)
I_C (mA)

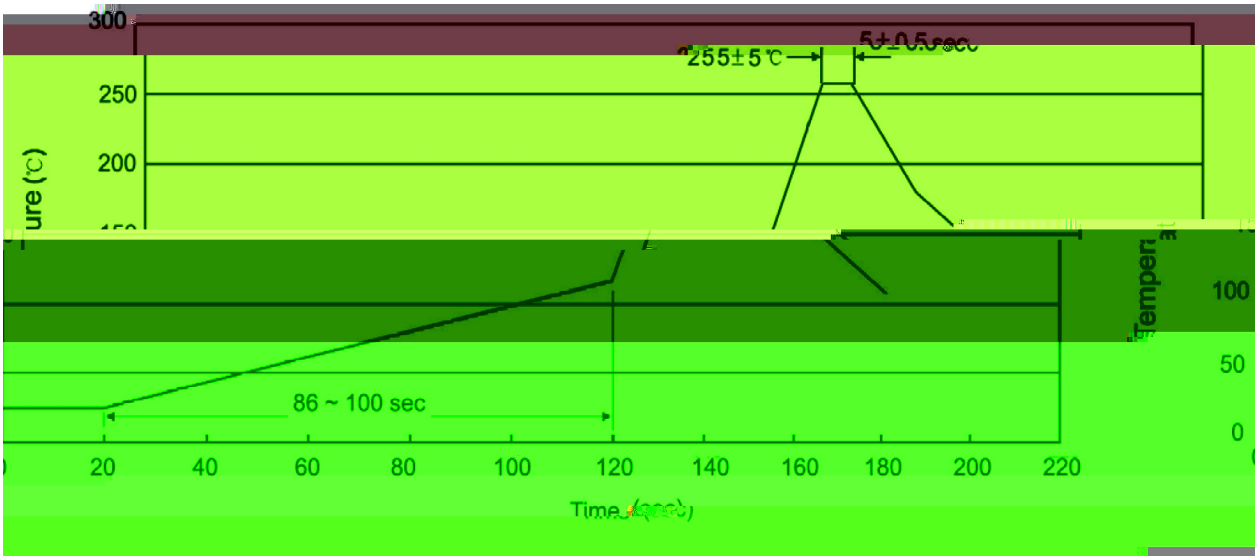

V_{BESAT} — I_C
- 40 °C
25 °C
125 °C
β =
V_{BESAT} (V)
I_C (mA)
V_{BEON} — I_C
125 °C
V_{CE} = 5.0 V
V_{BEON} (V)
I_C (mA)


I_{CBO} — T_A
V_{CB} = 45V
I_{CBO} (nA)
T_A (°C)

TO-92 Unit: mm




BR
N5088



				Note:	
1	25	150	60	90sec;	1.Preheating:25~150 , Time:60~90sec.
2	255±5			5±0.5sec;	2.Peak Temp.:255±5 , Duration:5±0.5sec.
3		2	10	/sec.	3. Cooling Speed: 2~10 /sec.

270±5	10±1 sec.	Temp.:270±5	Time:10±1 sec

/ BULK

Package Type	Units					Dimension		(unit mm3)

/ AMMO

Package Type	Units					Dimension	(unit mm3)